

P30017.A02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michiaki ARAI Group Art Unit : Not Yet Assigned  
Appl. No. : 10/596,056 Examiner : Not Yet Assigned  
(National Stage of PCT/JP2004/017517)  
I.A. Filed : November 18, 2004 Confirmation No. : 1251  
For : DIGITAL QP DETECTING APPARATUS, SPECTRUM ANALYZER  
HAVING THE SAME, AND DIGITAL QP DETECTING METHOD

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicant hereby brings to the attention of the Examiner the following information.

The following documents were cited in an International Search Report with respect to International Patent Application No. PCT/JP2004/017517, of which the present application is the U.S. National Stage Application. Copies of the International Search Report (in Japanese and English) have been filed concurrently with the present application and should thus have already been brought to the attention of the Examiner.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.P./

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- (1) Japanese Laid-Open Patent Publication No. 2002-350474, together with an English language translation of the same, and patent family member German Patent Publication No. DE 101 03 481; and
- (2) Japanese Laid-Open Patent Publication No. HEI 2-183170, together with an English language Abstract of the same, and patent family members U.S. Patent No. 5,119,081 to IKEHIRA, which issued on June 2, 1992; and European Patent Publication No. EP 0 379 050.

The relevance of the documents cited in the International Search Report, as ascertained with respect to the international claims by the International Examiner, are set forth in the International Search Report.

Applicant further submits the following document.

- (3) Japanese Laid-Open Patent Publication No. HEI 5-136833, together with an English language translation of the same. Applicant notes that this document is cited on page 1 of the Specification of the above-captioned application.

Further to 37 C.F.R. §1.98 (a)(2)(ii), a copy of the above-noted U.S. patent is not enclosed herewith. However, if a copy is needed, the Examiner is respectfully requested to contact the undersigned.

Applicant respectfully requests that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents, including the noted English language Abstract and translations, are attached hereto, and all of the above-noted documents are listed on an attached PTO-1449 Form. The Examiner is

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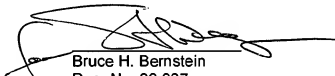
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requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicant with the next official communication in the present application.

Applicant notes that an Office Action on the merits has not issued in the present application, and thus, no fee is believed necessary to ensure consideration of the submitted material.

Should the Examiner have any questions, the Examiner is requested to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Michiaki ARAI



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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.P./

Application No. 10/596,056

I.A. Filed November 18, 2004

**Gross**

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